

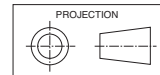
Model	OPA 1410RLTM4FPQD(-Z) Econex Pro
Configuration	Horizontal Supply Air
Item No. (Standard / Opposite Hand)	876-141-701 / 876-141-710
Unit c/w Economiser (Standard / Opposite Hand)	877-141-701 / 877-141-710
Configuration	Downward Supply Air
Item No. (Standard / Opposite Hand)	876-141-723 / 876-141-732
Unit c/w Economiser (Standard / Opposite Hand)	877-141-723 / 877-141-732
Cooling capacity (net) ¹	146 kW
Cooling capacity (gross) range	11.8 ~ 189 kW
Heating capacity ¹	145 kW
Heating capacity (gross) range	12.9 ~ 181 kW
Electrical input - cooling	45.1 kW
Electrical input - heating	43.2 kW
EER / AEER (cooling) ¹	3.24 / 3.22
COP / ACOP (heating) ¹	3.35 / 3.34
Operating Range (outdoor ambient) - cooling	-10°C ~ 50°C
Operating Range (outdoor ambient) - heating	-10°C ~ 25°C
Master Controller	c.pCO
Slave Controllers	UC8 (x4)
Refrigerant	R32
Refrigerant Charge	7.1 kg/sys.
Minimum floor area (@2.4m/5m below ceiling diffuser)	27 m ² / 6 m ²
Compressor oil type	POE-46 (NXG5020 or equivalent)
Compressor type	Inverter scroll (x4)
Power supply ²	3 ph. 400V ac 50Hz + N + E
Compressor (3ph.) run amps at rating cond.	14.7 A/ph. (x4)
Compressor circuit breaker	50 A (x4)
Indoor fan motor size	EC Plug 3.65kW (x4)
Nominal air flow at rating conditions	8 100 l/s
Indoor fan motor (3ph.)	4.6 A/ph. (x4)
Outdoor fan motor (3ph.) - full load	1.9 A/ph. (x4)
Outdoor fan motor – max. ext. static pressure available	120 Pa (@12,100 l/s)
Control circuit breaker (internal)	4 A
Auxiliary power outlet (1ph.) overload setting	10 A
Running amps (total system)	69 / 67 / 74 A
Max. running amps (total system)	116 / 111 / 121 A
RCD type recommended	type B, 30mA, 3 pole
Net weight	2064 kg
Shipping weight (excl. cowl)	2204 kg
Net weight c/w Economiser	2154 kg

Accessories:

Remote wired Service Interface Device (pGD1)	201-000-379
Filters - rated EU4/G4 disposable	019-400-005 600x500x50 (x3) ³ 019-400-007 600x600x50 (x6)
Filters - rated EU4/G4 washable (NZ only)	019-000-034 600x500x50 (x3) ³ 019-000-031 600x600x50 (x6)

¹ Tested in accordance with AS/NZS 3823² Voltage range: 380–440V³ Filter sizes are nominal; refer to Temperzone for actual measurements.

DIMENSIONS (mm)

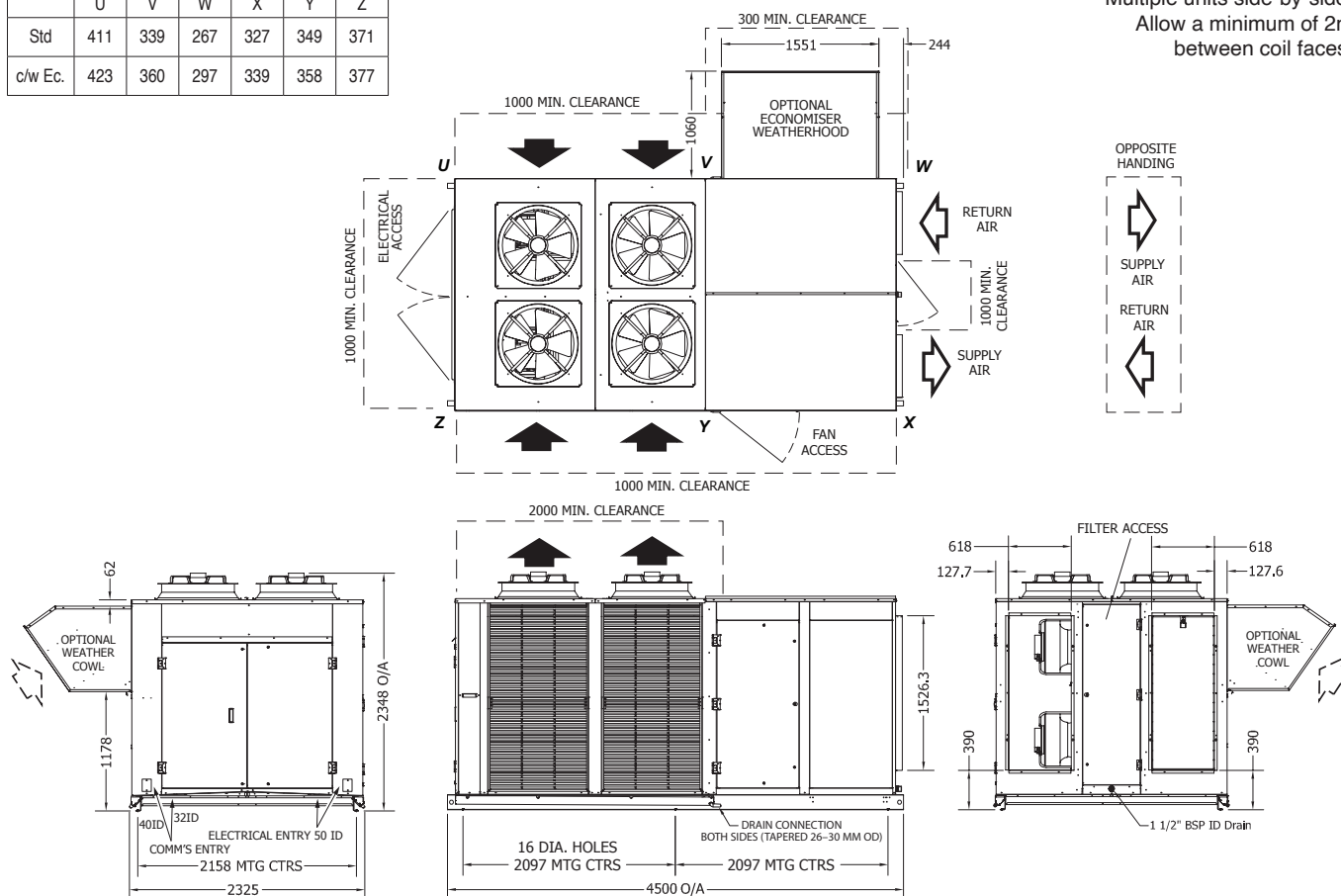


OPA 1410RLTM4FPQD01(-Z) Horizontal Supply / Standard Hand

	POINT LOADS (kg)					
	U	V	W	X	Y	Z
Std	411	339	267	327	349	371
c/w Ec.	423	360	297	339	358	377

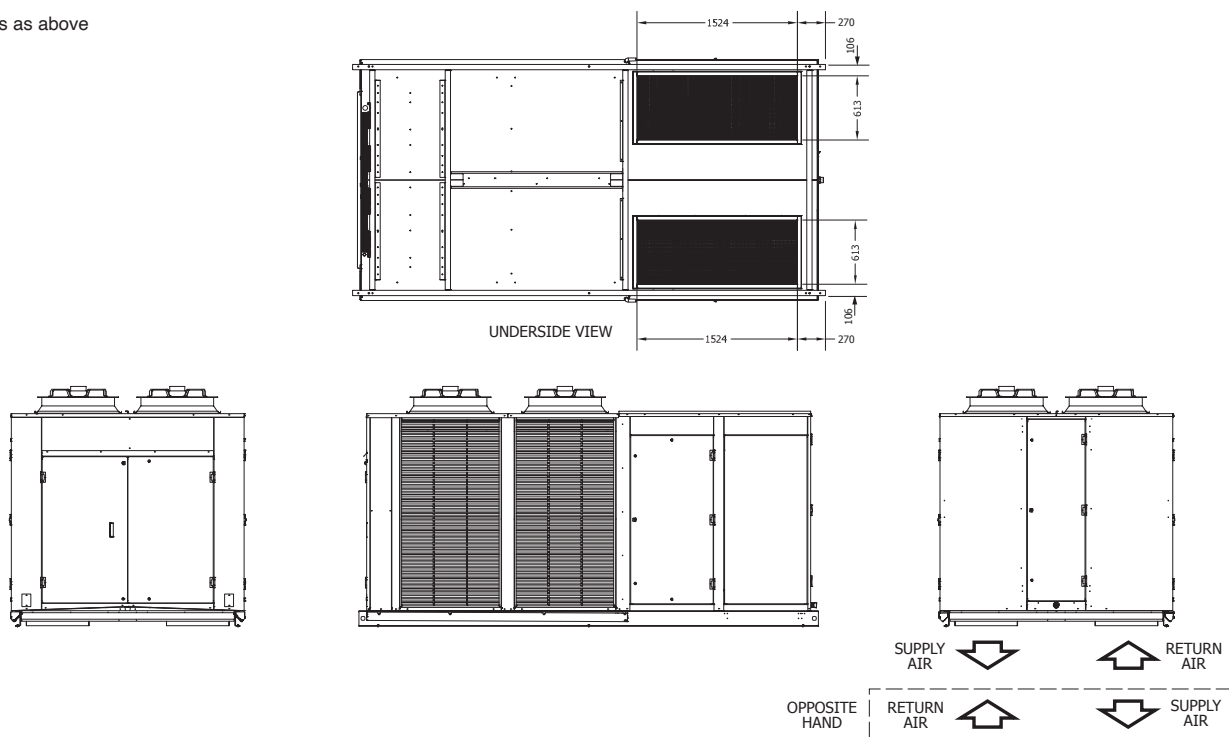
Not to Scale

Multiple units side-by-side:
Allow a minimum of 2m
between coil faces.



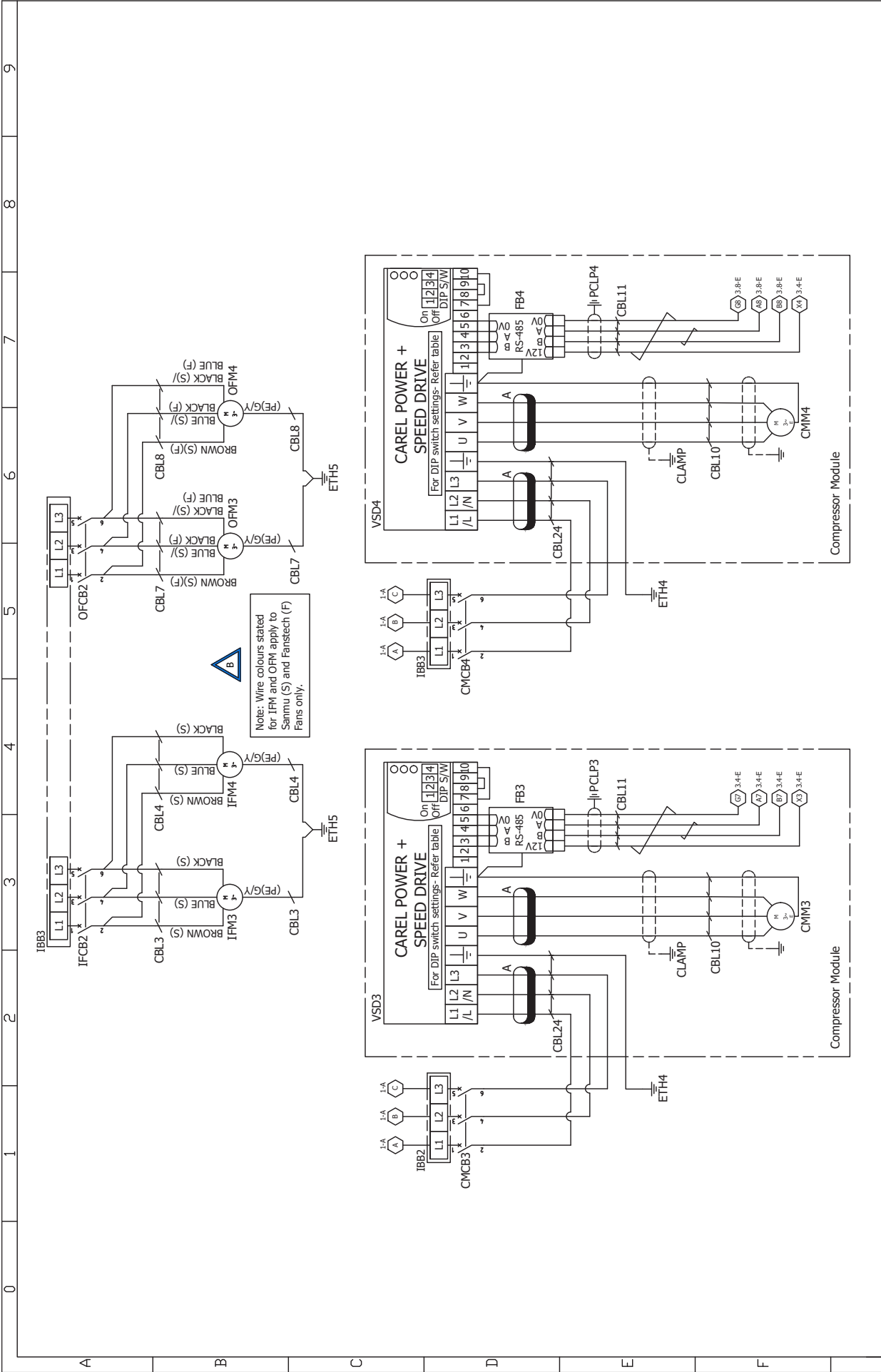
OPA 1410RLTM4FPQD23(-Z) Downward Supply / Standard Hand

Clearances as above

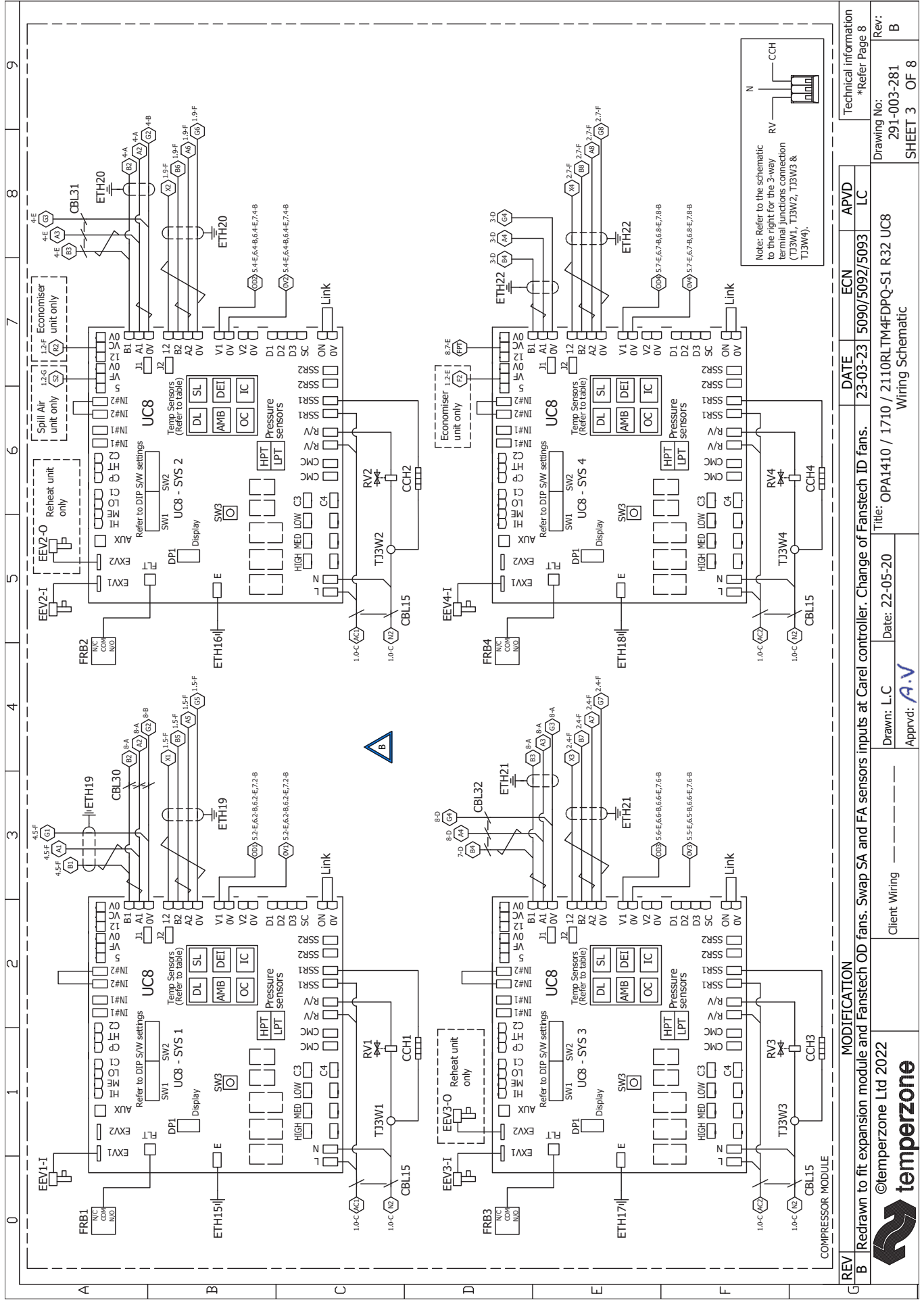


NOTE

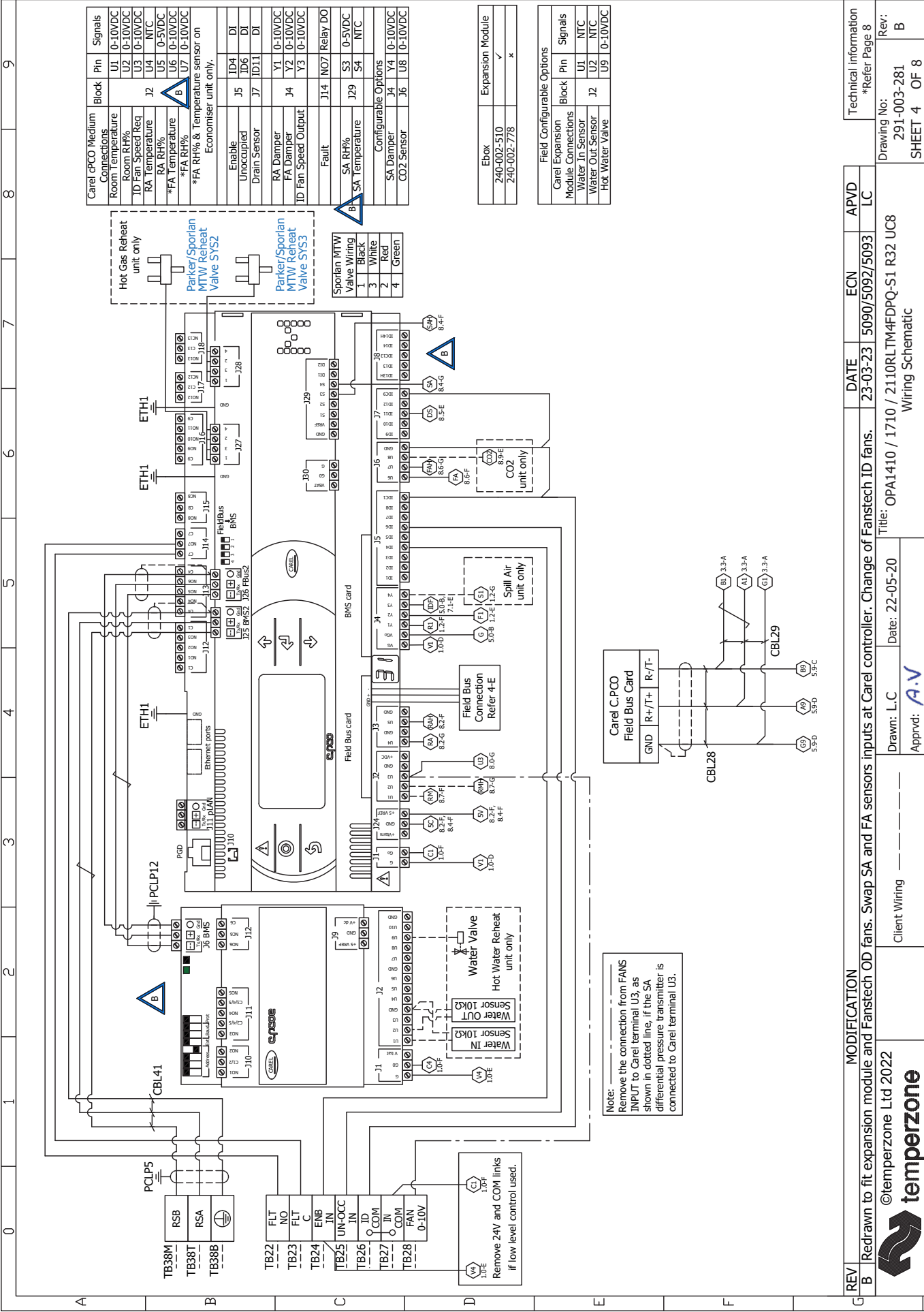
Specifications are subject to change without notice due to the manufacturer's ongoing research and development programme.

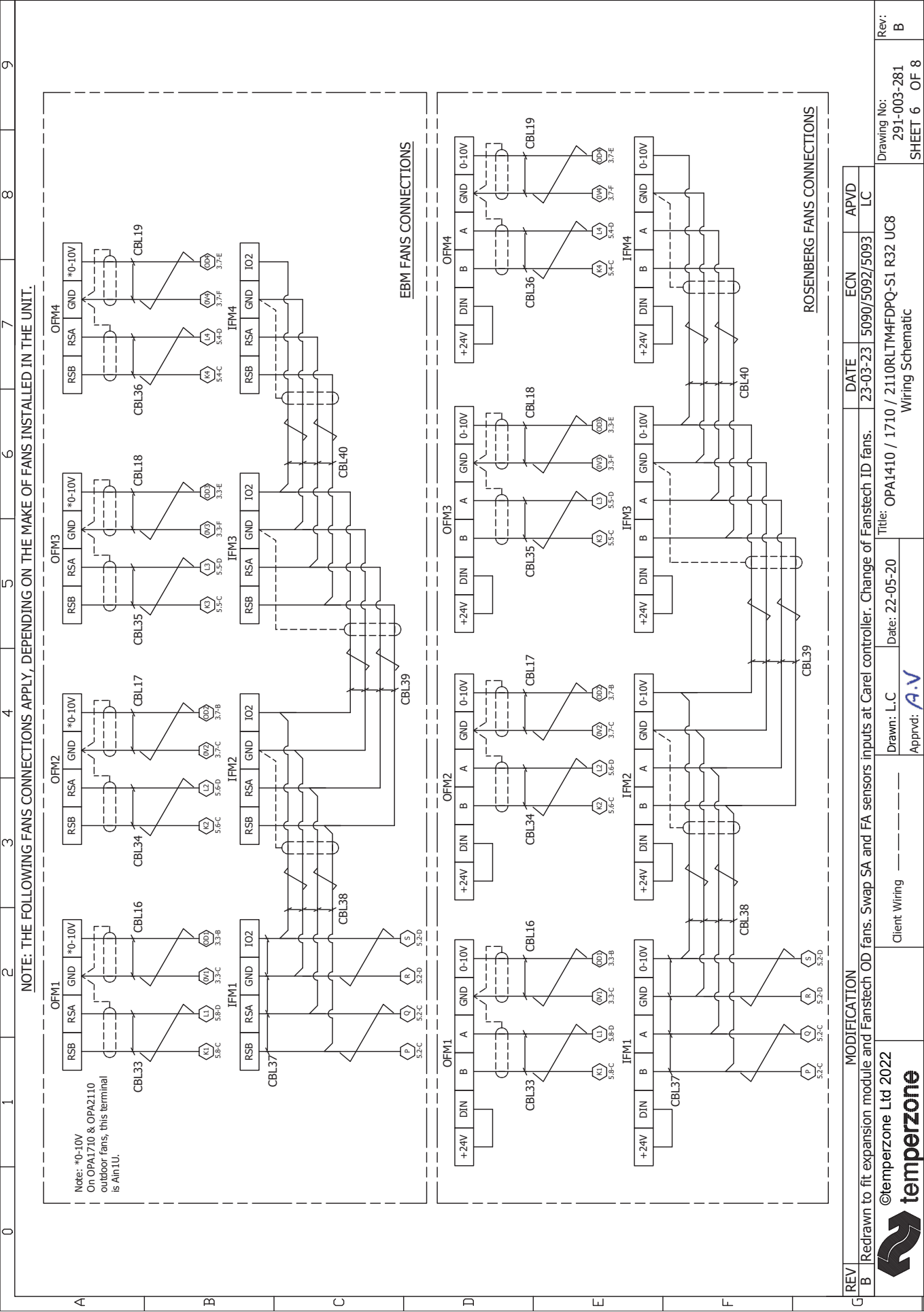


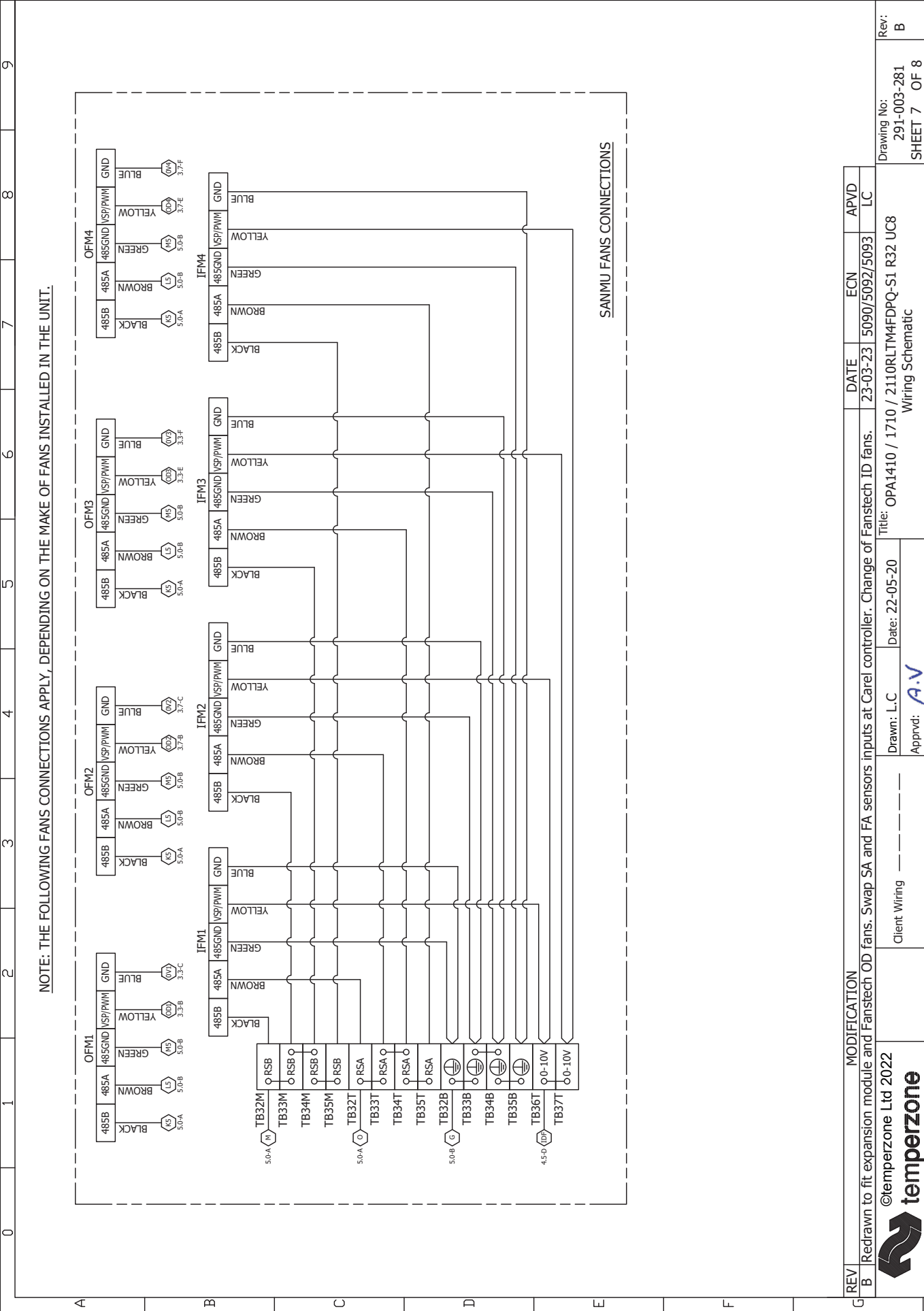
REV	MODIFICATION	DATE	ECN	APVD	Technical information
B	Redrawn to fit expansion module and Fanstech OD fans. Swap SA and FA sensors inputs at Carel controller. Change of Fanstech ID fans.	23-03-23	5090/5092/5093	LC	*Refer Page 8
©temperzone Ltd 2022		Drawn: L.C	Date: 22-05-20	Drawing No: 291-003-281	
temperzone		Client Wiring	Approved: A.V	Rev: B	
		Title: OPA1410 / 1710 / 2110RLTM4FDQ-S1 R32 UC8			Wiring Schematic
		SHEET 2			OF 8



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